



NWIRP BETHPAGE PROGRESS UPDATE

NWIRP BETHPAGE, NEW YORK

ACTIVITY PERIOD: NOVEMBER 2016

1. Summary and Progress

- Continue operation of NYAW permanent GAC system
- Preparing access agreements for vertical profile borings and monitoring wells
- Continued operation of GM-38 Treatment System and Site 1 SVE Containment System
- Evaluating the need for future maintenance at the GM-38 discharge basin
- Internal review of LTM Analysis for Navy-owned wells through March 2016 Quarterly sampling
- Conducting preliminary evaluations to locate extraction wells, treatment plant(s), and recharge facilities for a potential system to address hotspot groundwater in the deep western plume
- Evaluating hydraulic connectivity between the SFWD Plant 6 supply wells and outpost wells
- Submitted BWD Well 2 Pilot Test Report to BWD for review. BWD is still reviewing the report
- Met with NYSDEC to discuss Site 1 FS Addendum
- Preparing final design/work plans for Site 4; work plan should be finalized in February
- Drilling VPB and test recovery well for RE108 Hotspot
- Held RAB Meeting on November 16
- Held quarterly meeting with Northrop Grumman on November 16
- Currently drilling: RE115D2 (VPB149); VPB171 (recovery well)
- Completed drilling: RE125D1 (VPB159); RE106D1 (VPB140); RE106D2 (VPB140)

2. Planned Activity for Next Month (December)

During the next month, the Navy anticipates performing the following:

- Continue operating the full scale GAC system at NYAW
- Evaluating hydraulic connectivity between the SFWD Plant 6 supply wells and outpost wells
- Preparing access agreements for vertical profile borings and monitoring wells
- Continue operation of GM-38 Treatment System and Site 1 SVE Containment System
- Preparing final design/work plans for Site 4; work plan should be finalized in February
- Conducting preliminary evaluations to locate extraction wells, treatment plant(s), and recharge facilities for a potential system to address hotspot groundwater in the deep western plume
- Addressing comments for Site 1 FS Addendum
- Drilling test recovery well for RE108 Hotspot
- Drilling: RE115D1 (VPB 149) and RE137 (VPB171- recovery well)
- Complete drilling: RE115D2 (VPB149)

3. Reports Submitted

See below

Submittal Date	Author	Description	NYSDEC Concurrence
7/20/2016	Resolution	Basis of Design/Design Criteria Report Intermediate (60%) Remedial Design	Information Only
7/24/2016	Resolution	March 2016 Groundwater Sampling Data Summary Report, NWIRP Bethpage, NY	Information Only
7/26/2016	KGS	Quarterly Operations Report, First Quarter 2016, Soil Vapor Extraction Containment System, Site 1, Former Drum Marshalling Yard, NWIRP Bethpage, NY	Information Only
8/8/2016	Tetra Tech	Feasibility Study Addendum, Revision 1 – Site 1 Former Drum Marshalling Area Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage, New York	
8/8/2016	Resolution	Form 1 Data Packages – VPB 167 (water and soil)	Information Only
8/8/2016	Resolution	Form 1 Data Package – BPOW 5 series 2 nd Quarter	Information Only
8/15/2016	Resolution	Form 1 Data Packages - BPOW6 series 2 nd Quarter; TT102 series 2 nd Quarter; RE-107D1, RE-107D2, RE-107D3, RE-114D1, RE-114D2, RE-114D3, RE-117D1, RE-117D2, RE-118D1, RE-119D1, RE-121D1, RE-121D2 2 nd Quarter	Information Only
8/25/2016	Resolution	2015-2016 OU2 Groundwater Investigation, RE126D1, RE126D2, RE126D3 (VPB 160) Installation Report, Bethpage NY	Information Only
8/25/2015	Resolution	2015-2016 OU2 Groundwater Investigation, RE131D1, RE131D2, RE131D3 (VPB 165) Installation Report, Bethpage NY	Information Only
9/9/2016	Resolution	Form 1 Data Package – BPOW5-5, BPOW5-5, BPOW5-6 RE103, RE104, RE105, RE108, TT101, RE120, RE122, RE123, RE126, RE129, RE131	Information Only
9/20/2016	Resolution	Draft SPDES Equivalent Application	
9/26/2016	Resolution	Abbreviated Workplan Vertical Profile Boring/Recovery Installation and Aquifer Testing for RE108 Hot Spot	10/28/2016 & 10/25/2016
10/6/2016	Resolution	2015-2016 OU2 Groundwater Investigation, Data Summary Report, VPB163, NWIRP Bethpage	Information Only
10/13/2016	Resolution	Aquifer Connectivity Between Massapequa Supply Wells #4 and #5 and BPOW Series 6 Wells – NWIRP Bethpage	Information Only
10/19/2016	Resolution	April 2016 NWIRP Restoration Advisory Road Meeting Minutes	Information Only
10/24/2016	Resolution	Form 1 Data Packages – VPB162; BPOW5-1, 5-2, 5-3 and BPOW6 series 3 rd Quarter	Information Only
11/4/2016	KGS	Quarterly Operations Report, Second Quarter 2016, Soil Vapor Extraction Containment System, Site 1, Former Drum Marshalling Yard, NWIRP Bethpage, NY	Information Only
11/4/2016	KGS	Quarterly Operations Report, Second Quarter 2016, Groundwater Treatment Plant, GM-38 Area Groundwater Remediation, NWIRP Bethpage, NY	Information Only

Bold – need NYSDEC concurrence